

WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

May 13, 2009

TO: Internal File

THRU: James Smith, Permit Supervisor *DS 05/14/09*

FROM: David Darby, Environmental Scientist/Hydrologist *[Signature]*

SUBJECT: 2008 4th Quarter Water Monitoring, Mountain Coal Company, Gordon Creek 2, 7, & 8 Mine, C/007/0016, WQ08-4, Task ID 3133

The Gordon Creek 2, 7, & 8 Mine has been reclaimed and received Phase II bond release on all but 1.63 acres on March 7, 2007. The 1.63 acres containing a three-cell sediment pond was reported as reclaimed in October 2007, according to a 2007 Annual Review report issued by the Division.

This review is based on data compiled from the DOGM Water Quality Database. Pertinent water monitoring requirement information is in the MRP in Sections 7.1.8 and 7.2.6, and tables 7-17, and 7-18.

1. Was data submitted for all of the MRP required sites? YES ☒ NO ☐

Springs –

The Permittee is not required to monitor any springs at the Gordon Creek 2, 7, & 8 Mine.

Streams –

The Permittee is required to sample one intermittent stream (2-2-W), and three ephemeral stream sites (2-7-W, 2-8-W, 2-9-W) for flow, and the laboratory parameters outlined in Table 7-18 each quarter.

Only 2-2-W was the only stream flowing. The Permittee submitted data for the site in the third quarter.

Wells–

There are no wells remaining at the minesite. The Permittee is not required to monitor any wells.

UPDES–

All ponds requiring UPDES monitoring have been reclaimed in October 2007. There is no longer an active UPDES site at the Gordon Creek 2, 7, & 8 Mine.

- 2. Were all required parameters reported for each site?** YES ☒ NO ☐

Only 2-2-W was flowing

- 3. Were any irregularities found in the data?** YES ☐ NO ☒

- 4. On what date does the MRP require a five-year re-sampling of baseline water data.**

Five year sampling for baseline data is required in first quarter 2012.

- 5. Based on your review, what further actions, if any, do you recommend?**

None